

FECN14 CWIS 311800

THIRTY DAY ICE OUTLOOK FOR THE WESTERN AND CENTRAL ARCTIC FOR AUGUST
ISSUED BY ENVIRONMENT CANADA ON 31 JULY 2020.

THE NEXT 30 DAY OUTLOOK WILL BE ISSUED ON 14 AUGUST 2020.

Summary for July 15 to 28.

Average air temperatures were well below normal from the Alaska coast into Amundsen Gulf. Elsewhere, average air temperatures were near to above normal. Ice melt is 1-2 weeks later than normal in Dolphin and Union Strait as well as parts of Coronation Gulf while the northern Alaskan Coast area is about 1-2 weeks earlier than normal. Elsewhere, ice melt is near to slightly earlier than normal.

Weather forecast for July 31 to August 31.

Air temperatures are forecast to be near to slightly below normal for the period for most of the region except in the eastern section where temperatures are forecast to be above normal.

Southeastern Beaufort Sea.

July 31-August 8

- 7-8 tenths first-year ice including up to 3 tenths of old ice with patches of 9-9+ tenths first-year ice including up to 5 tenths old ice in the extreme northwestern and extreme northeastern sections.
- Elsewhere, open water with isolated patches of 1-3 tenths first-year ice including up to 1 tenth old ice.

August 9-15

- 1-3 tenths ice with areas of 4-6 tenths ice in the extreme northwestern section.
- 4-6 tenths ice with patches of 7-8 tenths ice in the extreme northeastern section.
- Elsewhere, open water.

August 16-31

- Open water with areas of 1-3 tenths ice in the extreme northeastern and northwestern sections.
- Elsewhere, open water to ice free.

Amundsen Gulf.

July 31-August 7

- Occasional patches of 4-6 tenths first-year ice including a trace of old ice in the extreme northwestern section south of Prince of Wales Strait.
- Open water with patches of 1-3 tenths first-year ice in Dolphin and Union Strait.
- Elsewhere, open water to ice free.

August 8-15

- Occasional patches of 1-3 tenths in the extreme northwestern section south of Prince of Wales Strait.
- Elsewhere, open water to ice free.

August 16-31

- Open water to ice free.

Prince of Wales Strait.

July 31-August 8

- 7-8 tenths first-year including up to 1 tenth old ice with areas of 9-9+ tenths first-year including up to 1 tenth old ice in the northern section.
- Elsewhere, 4-6 tenths first-year ice including a trace of old ice with areas of 7-8 tenths first-year ice including a trace of old ice.

August 9-15

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, open water with areas of 1-3 tenths ice.

August 16-31

- 1-3 tenths ice with patches of 7-8 tenths ice in the northern section.
- Elsewhere, open water with areas of 1-3 tenths ice.

Northern Alaskan Coast.

July 31-August 9

- 7-8 tenths first-year ice including up to 2 tenths old ice with areas of 9-9+ tenths first-year ice including up to 2 tenths old ice in the extreme northern section.
- Open water with areas of 1-3 tenths first-year ice including a trace of old ice and patches of 4-6 tenths first-year ice including a trace of old ice just north of Point Barrow.
- Elsewhere, open water.

August 9-15

- Open water with occasional patches of 1-3 tenths ice in the northeastern section.
- Elsewhere, open water to ice free.

August 16-31

- Open water to ice free.

Western Alaskan Coast.

July 31-August 31

- Open water to ice free.

Northern Beaufort Sea south of 75°N.

July 31-August 8

- 1-3 tenths first-year ice including 1 tenth old ice with areas of 7-8 tenths first-year ice including up to 2 tenths old ice within 45-90 nautical miles of the west of Banks Island coast.
- Elsewhere, 9-9+ tenths first-year and old ice.

August 9-15

- Open water with areas of 1-3 tenths ice in the extreme southeastern and within 45-90 miles of the western Banks Island coast.
- Elsewhere, 7-8 tenths ice with large areas of 9-9+ tenths ice.

August 16-31

- Open water with areas of 1-3 tenths ice in the extreme southern and within 45-90 miles of the western Banks Island coast.
- 7-8 tenths ice with areas of 9-9+ tenths ice in the eastern half.
- 4-6 tenths ice with areas of 7-8 tenths ice in the western half.

Arctic Ocean north of 75°N.

July 31-August 10

- 9-9+ tenths first-year and old ice.

August 11-15

- 9-9+ tenths ice except 4-6 tenths ice in the extreme southwestern section.

Coronation Gulf.

July 31-August 4

- Open water with patches of 1-3 tenths first-year ice mostly along the northern and western shore.
- Elsewhere, open water.

August 5-31

- Ice melting completely to open water to ice free.

Queen Maud Gulf.

July 31-August 8

- 1-3 tenths first-year ice including a trace of old ice with patches of 7-8 tenths first-year ice including a trace of old ice in the northern section, just south of Victoria Strait.
- Elsewhere, open water with occasional patches of 1-3 tenths first-year.

August 9-15

- Open water with occasional patches of 4-6 tenths ice in the extreme northern section, just south of Victoria Strait.
- Elsewhere, open water to ice free.

August 16-31

- Open water to ice free.

Victoria Strait – Larsen Sound.

July 29-August 4

- 7-8 tenths first-year ice including up to 3 tenths old ice with areas of 9-9+ tenths first-year ice including up to 5 tenths old ice in southern Victoria Strait.
- Elsewhere, 9-9+ tenths first-year ice including up to 2 tenths old except 9-9+ tenths old ice mostly in the southeastern section.

August 5-12

- 4-6 tenths ice with areas of 7-8 tenths ice in Victoria Strait.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

August 13-19

- 1-3 tenths ice with areas of 4-6 tenths ice in Victoria Strait.
- Elsewhere, 4-6 tenths ice with areas of 7-8 tenths ice.

August 20-31

- 1-3 tenths ice with areas of 4-6 tenths ice.

Peel Sound.

July 31- August 3

- 7-8 tenths first-year ice including a trace of old ice with areas of 9-9+ tenths first-year ice including a trace of old ice in the northern section.
- Elsewhere, 9-9+ tenths first-year ice including a trace of old ice.

August 4-10

- 1-3 tenths ice with patches of 7-8 tenths ice in the northern and central sections.
- 4-6 tenths ice with patches of 9-9+ tenths ice in the southern section.

August 11-16

- 1-3 tenths ice with areas of 4-6 tenths ice in the northern and central sections.
- 4-6 tenths ice with area of 7-8 tenths ice in the southern section.

August 17-23

- Open water with area of 1-3 tenths ice in the northern and central sections.
- 1-3 tenths ice with areas of 4-6 tenths ice in the southern section.

August 24-31

- Open water with patches of 1-3 tenths ice.

M'Clintock Channel.

July 31-August 4

- 9-9+ tenths first-year and old ice.

August 5-12

- 4-6 tenths ice with areas of 7-8 tenths ice along the southwestern and western coast of Prince of Wales Island.
- Elsewhere, 9-9+ tenths ice.

August 13-31

- Open water with areas of 4-6 tenths ice along the southwestern and western coast of Prince of Wales Island.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

Viscount Melville Sound.

July 31-August 15

- 9-9+ tenths first-year and old ice.

August 16-23

- 4-6 tenths ice with areas of 7-8 tenths ice in the northern section.
- Elsewhere, 9-9+ tenths ice.

August 24-31

- 1-3 tenths ice with area of 4-6 tenths ice in the northern section.
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.

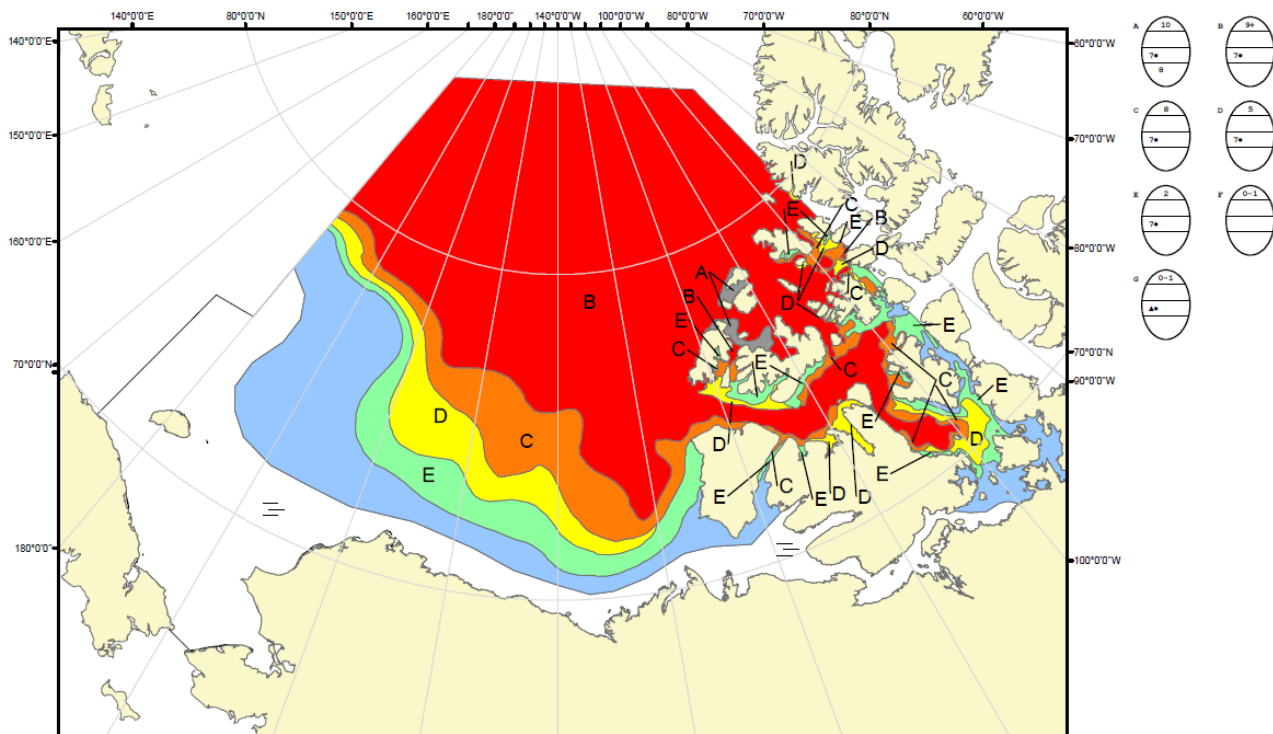
M'Clure Strait.

July 31-August 15

- 7-8 tenths first-year and old ice with areas of 9-9+ tenths first-year and old ice in the extreme western section.
- Elsewhere, 9-9+ tenths first-year and old ice.

August 16-31

- 4-6 tenths ice with area of 7-8 tenths ice in the northern section,
- Elsewhere, 7-8 tenths ice with areas of 9-9+ tenths ice.



COLOR CODES BASED ON TOTAL CONCENTRATION					
	ICE FREE		4-6 TENTHS		FAST ICE (TEN TENTHS)
	LESS THEN 1 TENTH		7-8 TENTHS		ICE SHELF
	1-3 TENTHS		9-10 TENTHS		UNDEFINED ICE

North American Ice Service /
Service des glaces de l'Amérique du Nord
ICE FORECAST - 30 DAY
PRÉVISIONS DES GLACES - 30 JOURS
VALID/VALIDE: 30 AUG/AOÛT, 2020